

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	16	("2250464"   "3277838"   "3478584"   "3646953"   "3782468"   "4211279"   "4251191").PN. OR ("4392532").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 08:35
L6	26	("1295243"   "2115378").PN. OR ("4844156").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 10:59
L7	18	("4323738"   "4741397"   "4844156"   "5106232"   "5400858"   "5464309"   "5509475"   "5547021"   "5709505"   "5813799"   "5906241"   "6173768"   "6305473"   "6352387"   "6367555"   "6413016"   "6422313"   "6497281").PN. OR ("6854518").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 11:10
L8	37	("1028822"   "1547197"   "1602190"   "1798774"   "1856872"   "2588296"   "3215087"   "4345647"   "4347899"   "4390061"   "4509599"   "4688637"   "4844156"   "5076360"   "5400858").PN. OR ("5547021").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 11:23
L9	0	("3003563").URPN.	USPAT	OR	ON	2006/09/11 11:42
L10	0	("3003563").URPN.	USPAT	OR	ON	2006/09/11 11:48
L11	102	"166".clas. and ("gas lift" or "gas injection") same plug	USPAT	OR	ON	2006/09/11 11:48
L12	23	("1574498"   "2272477"   "2765850"   "2767793"   "3334690"   "3343605"   "3552491"   "4025235"   "4424862"   "4480697").PN. OR ("4649994").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 12:01

## EAST Search History

L13	42	(US-20040084186-\$ or US-20040060705-\$ or US-20030141073-\$ or US-20030047308-\$ or US-20030056958-\$ or US-20030024704-\$ or US-20020121376-\$).did. or (US-6745815-\$ or US-6325152-\$ or US-6367555-\$ or US-5377764-\$ or US-5358357-\$ or US-5337828-\$ or US-5033550-\$ or US-4787450-\$ or US-5031697-\$ or US-4738313-\$ or US-4682656-\$ or US-4267885-\$ or US-3937280-\$ or US-3642070-\$ or US-4258787-\$ or US-5875852-\$ or US-4878539-\$ or US-6557633-\$ or US-4844156-\$ or US-4625801-\$ or US-4392532-\$ or US-4347899-\$ or US-3190357-\$ or US-2026419-\$ or US-1501536-\$ or US-1414402-\$). did. or (US-1067868-\$ or US-0971612-\$ or US-0753045-\$). did. or (US-3003563-\$ or US-2026419-\$ or US-1858847-\$ or US-1754945-\$ or US-1501536-\$ or US-1067868-\$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 13:41
L15	2	("4424862" "4649994").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 14:31
S1	2364	166/312,90.1,371,372,321.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/08 09:05
S2	274	S1 and "gas lift"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/08 10:04
S3	36	S1 and "gas injection" same packer	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/08 10:17
S4	472	S1 and "gas lift valve" or "gas injection valve"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/08 10:17
S5	133	S4 and packer	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/08 10:22

## EAST Search History

S6	16	("3946807"   "4051896"   "4153108"   "4256180"   "4258787"   "4258792"   "4333531"   "4682656"   "4878539"   "4930573"   "5048610"   "5113939"   "5117906").PN. OR ("5474127").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/08 10:28
S7	626	"166".clas. and gas with (lift or injection) with valve and packer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/08 12:48
S8	50	"166".clas. and gas with (lift or injection) with valve and packer with dual	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/08 12:48
S9	13	("2881838"   "3155160"   "3259186"   "4257560"   "4267885"   "4420008"   "4756369"   "5211242").PN. OR ("5377764").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/08 13:27
S10	21	("2978046"   "3247904"   "4580632"   "5474127").PN. OR ("5875852").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 14:30
S11	3	US-3664427-\$.DID. OR US-3680637-\$.DID. OR US-4682656-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/08 14:18
S12	463	166/372.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/08 14:31